



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/427,815	10/27/1999	DAVID P. ROSSUM	17002-01400U	3803

8791 7590 06/04/2003

BLAKELY SOKOLOFF TAYLOR & ZAFMAN  
12400 WILSHIRE BOULEVARD, SEVENTH FLOOR  
LOS ANGELES, CA 90025

EXAMINER
----------

GRAHAM, ANDREW R

ART UNIT	PAPER NUMBER
----------	--------------

2697

DATE MAILED: 06/04/2003

*C*

Please find below and/or attached an Office communication concerning this application or proceeding.

## Interview Summary

**Application No.**

09/427,815

**Applicant(s)**

ROSSUM, DAVID P.

**Examiner**

Andrew Graham

**Art Unit**

2697

All participants (applicant, applicant's representative, PTO personnel):

(1) Andrew Graham.(3) David Rossum.(2) Kim Williams.(4) Garth Vivier.

Date of Interview: 29 May 2003.

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1-33.

Identification of prior art discussed: Orban (USPN 6337999).

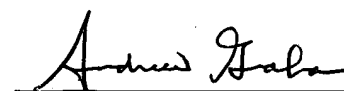
Agreement with respect to the claims f) ☐ was reached. g) ☐ was not reached. h) ☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

 5.29.03  
Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Spoke with Mr. Rossum and Mr. Vivier regarding a draft copy of amendments and arguments that were received via fax on 5/28/03. Mr. Vivier first discussed minor changes in the wording of the submitted versions of the claims. The applicant presented the argument that the Orban reference teaches away from the combination of a filter and interpolator (motivation for combination of the two references in the first O.A) and cited two places in the Orban reference that cite that the process is made more efficient because the original signal does not pass through the filters. The examiner noted that while the signal did not pass through all of the filters, filters were still present in the connection with the shown interpolators/upsamplers, citing specifically that Orban states that the filters were "interleaved" with the up- and down-samplers. The applicant and the examiners also discussed the difference between the interpolator of the reference and that of the application. The examiners suggested that the formal response to the amendment more particularly cite and clarify the understood difference between the Orban and application's interpolators, as well as how the claim language supports this difference. No agreement was reached in terms of the allowability of the claims, nor the finality or non-finality of the next Office Action.

*KA Williams*  
Kimberly A. Williams  
Primary Examiner  
Technology Center 2600